



Insert Part Number		3732-1/4HD
Military Specification		MS51831-102
Reference Number		KNH420J
Insert Type		Heavy Duty
Internal Thread Form		UNJC
Internal Thread Size		1/4-20
External Thread Size		7/16-14
Nominal Length Q	inch	0.375
Insert Material		Stainless Steel - 303 CRES
Insert Finish		Passivated
Insert Coating		-

Loksert solid keylocking inserts are an easily installed thread assembly that are ideal for replacing damaged or worn threads in virtually any material - ferrous, non-ferrous and non-metallic.

They are constructed from high quality carbon steel or extremely hard wearing stainless steel. One piece Loksert inserts are supplied with the dove-tailed locking keys pre-assembled. The pre-positioned keys automatically position the insert at the correct depth below the surface of the parent material. Lokserts are suitable for repairing and creating threads in a wide range of applications including forgings and castings and are especially suited to situations that experience heavy wear and vibration - such as mining, construction and earthmoving equipment.

COMPATIBLE LOKSERT INSTALLATION AND REMOVAL TOOLS	
TOOL TYPE	Part #
Hand Installation tool - Miniature	-
Hand Installation tool - Thin Wall	-
Hand Installation tool - Heavy Duty	3600-1/4HT
Hand Installation tool - Universal (TW & HD)	3600-250T
Hand Installation tool - Extra Heavy Duty	-
Hand Installation tool - Solid	-
Pneumatic Front End Assembly (FEA)	3732-1/4HDMIP
Pneumatic Tool	3700-MIP1

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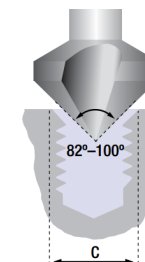
DRILLED HOLE DIMENSIONS INTERMEDIATE/PLUG TAP

A Tapping Drill Size	mm	-
A Tapping Drill Size	inch	X
Tapping Drill Part Number		3632-X



TAPPED HOLE DIMENSIONS

Tap Size		7/16-14
Tap Tolerance		2B
T Tapping Depth minimum	mm	-
T Tapping Depth minimum	inch	0.43
Loksert Tap Part Number	Intermediate	3632-7/16I
C Countersink Width minimum	mm	-
C Countersink Width minimum	inch	0.447



INSERT SPECIFICATIONS

Internal Thread		1/4-20
Internal Thread Tolerance		3B
External Thread		7/16-14
External Thread Tolerance		2A (Mod)
Q Nominal Length	inch	0.375
Locking Keys	#	2



INSERT REMOVAL SPECIFICATIONS

R1 Drill Size	mm	-
R1 Drill Size	inch	11/32
R2 Drill Depth minimum	mm	-
R2 Drill Depth minimum	inch	3/16



For detailed removal instructions please visit powercoil.com.au